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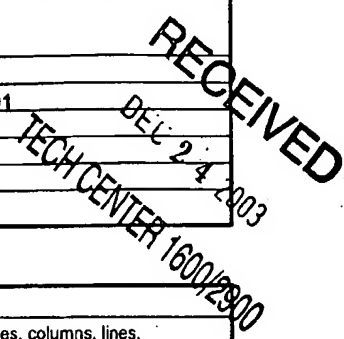
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	10/025,966	
			Filing Date	December 21, 2001	
			First Named Inventor	Rosen	
			Group Art Unit	1652	
Examiner Name	E. Slobodyansky				
Attorney Docket Number	UCAL-230				
Sheet	1	of	1		



U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Documents		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, columns, lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
ES		6,461,847		Applera Corporation	10-08-2002	
ES		2003/0013167		Celera Genomics, Inc.	01-16-2003	

FOREIGN PATENT DOCUMENTS								
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				

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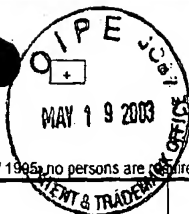
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	10/025,966
		Filing Date	12/21/2001
		First Named Inventor	ROSEN, STEVEN
		Group Art Unit	4814 1682
		Examiner Name	Unassigned
Sheet 1 of 1	Attorney Docket Number	UCAL-230	

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		US 6,534,302		GLUCKSMANN et al.	03-18-2003	

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/025,966	
			Filing Date	12-21-2001	
			First Named Inventor	ROSEN, STEVEN	
			Group Art Unit	1614-1652	
Examiner Name	Unassigned				
Sheet	1	of	2	Attorney Docket Number	UCAL-230

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
41			WO 00/55629		EOS BIOTECHNOLOGY INC.	09-21-2000		
40			WO 01/55411		MILLENNIUM PHARMACEUTICALS INC.	08-02-2001		
41			WO 02/48337		INCYTE GENOMICS INC.	06-20-2002		

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41		KIKUNO et al. (1999) "Prediction of the Coding Sequences of Unidentified Human Genes. XIV. The Complete sequences of 100 new cDNA Clones from Brain Which Code for Large Proteins in vitro," <i>DNA Research</i> , 6:197-205.	
41		NAGASE et al. (1999) "Prediction of the Coding Sequences of Unidentified Human Genes. XV. The Complete sequences of 100 new cDNA Clones from Brain Which Code for Large Proteins in vitro," <i>DNA Research</i> , 6:337-345.	
41		RUBEN et al. (2001) "Human Gene 5 Encoded Secreted Protein HE9QN39, SEQ ID NO:95," Database Accession No. AAE01440; XP-002223584. <i>AA-Cell-Seq</i>	
41		TANG et al. (2001) "Nucleic Acids Encoding Polypeptides with Cytokine-like Activities, Useful in Diagnosis and Gene Therapy," Database Accession No. AAM79215; XP-002223585. <i>WO 2001/57190 A1 Genesys</i>	

Examiner Signature	<i>E. S.</i>	Date Considered	<i>2/20/04</i>
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		Application Number	10/025,966		
		Filing Date	12-21-2001		
		First Named Inventor	ROSEN, STEVEN		
		Group Art Unit	4844-1632		
Examiner Name	Unassigned				
Sheet	2	of	2	Attorney Docket Number	UCAL-230
3)		ROSEN et al. (2002) "New Fusion Protein for Treating Disease e.g. Diabetes Comprises an Albumin Fused to a Therapeutic Protein," Database Accession No. ABG63903; XP-002223586 - WO 2001 77137 A-Genecorp			

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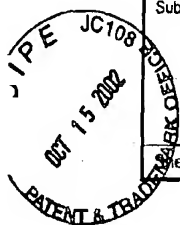
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/025966
		Filing Date	December 21, 2001
		First Named Inventor	Rosen
		Group Art Unit	To Be Assigned 1652
		Examiner Name	To Be Assigned
Sheet 1 of 1	Attorney Docket Number	UCAL230	

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		Office ³	Number ⁴	Kind Code ⁵ (If known)				
EP			WO 02/052019		Glucksmann et al.	07/04/2002		

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
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		Number	Kind Code ² (if known)			
EJ		5,318,957		Cid et al.	06/07/1994	
EO		5,695,752		Rosen et al.	12/09/1997	
EJ		5,925,349		Rosen et al.	07/20/1999	

FOREIGN PATENT DOCUMENTS								
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
EJ			WO 98/53071		SANICOLA-NADEL et al.	11/26/1998		
EJ			WO 99/54448		SPECHT et al.	10/28/1999		
EJ			WO 99/63088		BAKER et al.	12/9/1999		
EJ			WO 00/06086		WINCHESTER et al.	02/10/2000		
EJ			WO 01/00828		WANG et al.	01/04/2001		
EJ			WO 01/02568		WILLIAMS et al.	01/11/2001		
EJ			WO 01/21640		EMERSON et al.	3/29/2001		
EO			WO 01/40269		DILLON et al.	6/7/2001		
EJ			WO 01/42467		SCHLEGEL et al.	6/14/2001		
EJ			WO 01/57058		ROSENTHAL et al.	8/9/2001		
EJ			WO 01/59127		TANG et al.	8/16/2001		

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		First Named Inventor	Rosen
		Group Art Unit	To Be Assigned 1652
		Examiner Name	To Be Assigned
Sheet 2 of 2	Attorney Docket Number	UCAL230	

20	BERGERS et al. <i>Matrix metalloproteinase-9 triggers the angiogenic switch during carcinogenesis</i> , (2000) <i>Nature Cell Biol.</i> 2:737-744;	
	DHOOT et al. <i>Regulation of Wnt Signaling and Embryo Patterning by an Extracellular Sulfatase</i> , (2001) <i>Science</i> 293:1663-1666;	
	FOLKMAN et al. (1992) <i>Seminars in Cancer Biology</i> 3:89-96;	
	FOLKMAN et al. <i>Blood vessel formation: What is its molecular basis?</i> (1996) <i>Cell</i> 87:1153-5;	
	HANAHAN et al. <i>Patterns and Emerging Mechanisms of the Angiogenic Switch during Tumorigenesis</i> , (1996) <i>Cell</i> 86:353-64.	
	KNAUST et al. (1998) <i>Biochem.</i> 37:13941;	
	LUKATELA et al. (1998) <i>Biochem.</i> 37:3654;	
	PATENTI et al. (1997) <i>Curr. Opinion Genet. Devel.</i> 7:386-391;	
	ROBERTSON et al. (1988) <i>Biochem. Biophys. Res. Commun.</i> , 157:218-224;	
	ROBERTSON et al. (1992) <i>Biochem J.</i> 288:539-544;	
	ROBERTSON et al. (1993) <i>Biochem J.</i> 293:683-689;	
	TOMATSU et al. (1991) <i>Biochem. Biophys. Res. Commun.</i> , 181:677-683;	
20	YANCOPOULOS et al. <i>Vasculogenesis, Angiogenesis, and Growth Factors: Ephrins Enter the Fray at the Border</i> , (1998) <i>Cell</i> 93:661-4;	

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